

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

Claims 1-12. (Canceled).

13. (Currently amended) An apparatus ~~to decrease resonance in a printed circuit board~~, comprising:

~~a signal trace line for carrying to carry a signal;~~

~~a ground plane for connecting to connect said signal trace line to a ground;~~

~~a cut in said ground plane for increasing to increase the transit time of said signal through said ground plane to decrease resonance in a printed circuit board.~~

14. (Currently amended) An apparatus ~~in accordance with claim 13, further to decrease resonance in a printed circuit board~~, comprising:

a signal trace line to carry a signal;

a ground plane to connect said signal trace line to a ground;

a cut in said ground plane to increase the transit time of said signal through said ground plane; and

~~an additional length segment within said signal trace line for increasing to increase the transit time of said signal through said signal trace line;~~

~~said additional length segment when added to said signal trace line increases the transit time at said signal through said signal trace line out of a resonance range.~~

15. (Original) An apparatus in accordance with claim 13, wherein:
said cut is oriented substantially perpendicular to a long axis of the
PCB.

16. (Currently amended) ~~A claim~~ An apparatus in accordance with
claim 13, wherein:
said cut is continuous.

17. (Currently amended) ~~A claim~~ An apparatus in accordance with claim
13 wherein: said cut is ~~a zipper cut~~ non-continuous.

18. (Currently amended) ~~A claim in accordance with claim 13, An~~
apparatus to decrease resonance in a printed circuit board, comprising:
a signal trace line to carry a signal;
a ground plane to connect said signal trace line to a ground; and
a cut in said ground plane to increase the transit time of said signal
through said ground plane;
wherein:

 said cut terminates more than 10 mils from said signal trace line.

19. (Currently amended) ~~An apparatus in accordance with claim 13, to~~
decrease resonance in a printed circuit board, comprising:
a signal trace line to carry a signal;
a ground plane to connect said signal trace line to a ground; and
a cut in said ground plane to increase the transit time of said signal
through said ground plane;

 wherein: a plurality of said cuts are similarly located ~~with a PCB in~~
respective ground plane layers of said printed circuit board.